

In response to the Office Action dated July 25, 2001, please amend the above-identified application as follows.

IN THE CLAIMS:

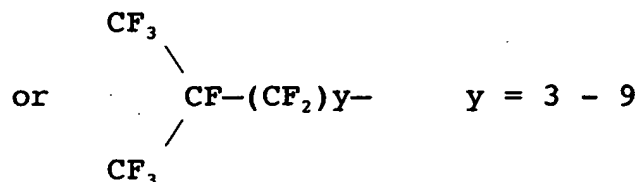
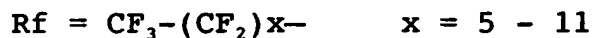
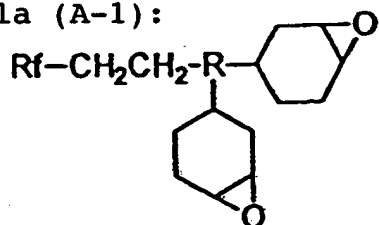
Please cancel Claims 1-11 without prejudice to or disclaimer of the subject matter contained therein.

Please amend Claim 12 as follows. A marked-up version of Claim 12 is also attached. All of the pending claims are listed below for the Examiner's convenience.

12. (Amended) A fluorine-containing epoxy resin composition comprising:

an epoxy compound represented by the following

Formula (A-1):



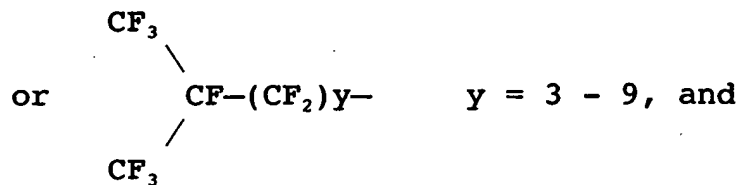
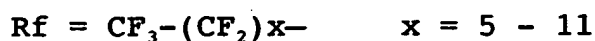
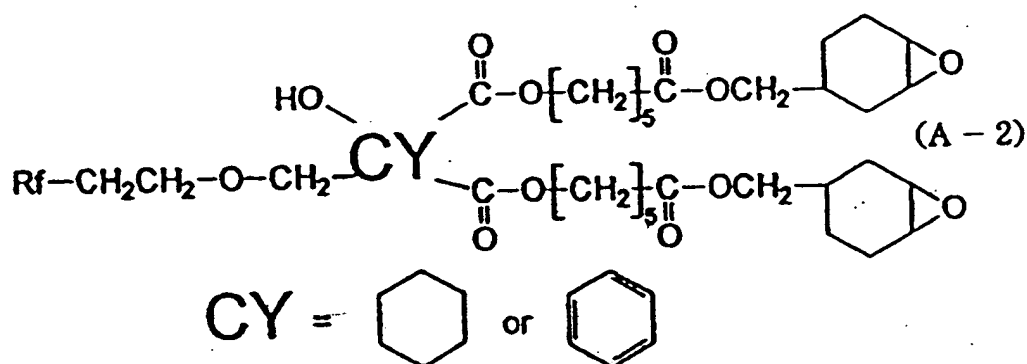
C<sub>1</sub>  
C<sub>1</sub>um.

wherein R is an aliphatic residue for linking monomers each having an alicyclic epoxy group, the aliphatic residue having a main chain consisting of carbon and oxygen atoms, and a cationic polymerization catalyst.

NE 13. (Not amended herein) A fluorine-containing epoxy resin composition comprising:

an epoxy compound represented by the following

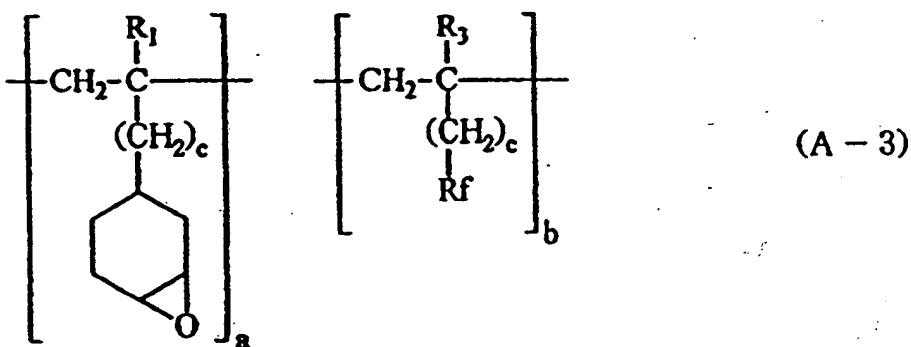
Formula (A-2):



a cationic polymerization catalyst.

NE 14. (Not amended herein) A fluorine-containing epoxy resin having in one molecule at least one perfluoroalkyl group having 6 to 12 carbon atoms and at least two alicyclic epoxy groups, and a cationic polymerization catalyst, wherein the resin comprises a monomer unit having a C-C bond, the C-C bond constituting the main chain of the resin.

NE 15. (Not amended herein) The fluorine-containing epoxy resin composition according to claim 14, wherein the fluorine-containing epoxy resin is an epoxy polymer represented by the following Formula (A-3):



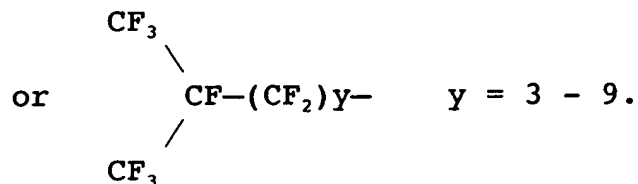
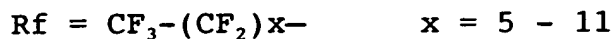
$R_1, R_3 = \text{H or CH}_3$

$a = 2 - 50$

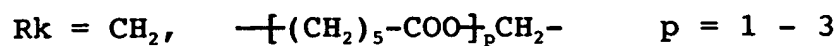
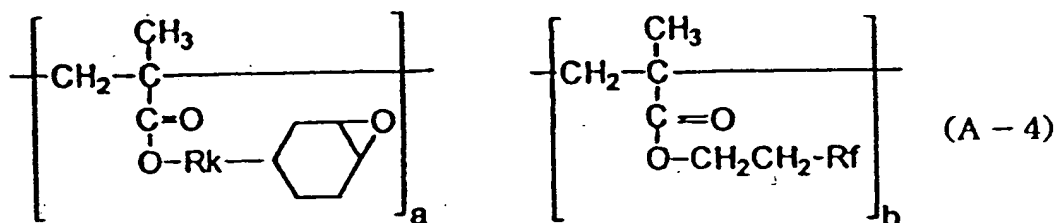
$b = 2 - 50$

$c = 0 - 3$

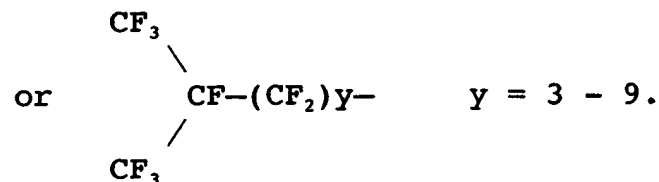
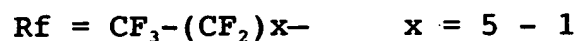
✓



16. (Not amended herein) The fluorine-containing epoxy resin composition according to claim 14, wherein the fluorine-containing epoxy resin is an epoxy polymer represented by the following Formula (A-4):



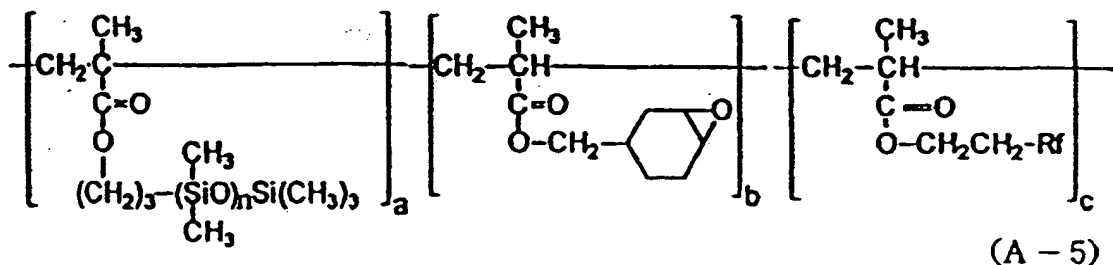
$$a = 2 - 50 \quad b = 2 - 50$$



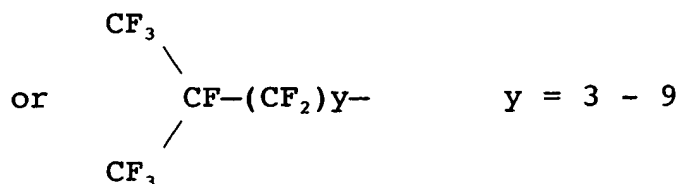
17. (Not Amended herein) The fluorine-containing epoxy resin composition according to claim 14, wherein the

C

fluorine-containing epoxy resin is an epoxy polymer represented by the following Formula (A-5):



$$\text{Rf} = \text{CF}_3 - (\text{CF}_2)_x - \quad x = 5 - 11$$



$$a = 1 - 50 \quad b = 2 - 100$$

$$c = 1 - 50 \quad n = 2 - 100.$$

18. (Not Amended herein) A fluorine-containing epoxy resin composition comprising:

a fluorine-containing epoxy resin having in one molecule at least one perfluoroalkyl group having 6 to 12 carbon atoms and at least two alicyclic epoxy groups, and a cationic polymerization catalyst,

wherein the resin composition further comprises, as a compatibilizing agent, at least one of compounds represented by the following Formulas (C-1) and (C-2):

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a third step of dissolving and removing a part of the applied composition not irradiated with the activation energy radiation, by use of a liquid capable of dissolving the uncured composition; and if desired

a fourth step of post-curing the remaining composition.

NE 20. (Not Amended herein) A surface treatment process for treating a surface of a substrate selectively, which comprises successively:

a first step of applying the fluorine-containing epoxy resin composition according to any one of Claims 12 to 14 and 18 onto a substrate and drying the applied resin composition;

a second step of heating or irradiating with activation energy radiation the applied composition to effect polymerization and curing over a whole area thereof;

a third step of selectively irradiating the cured composition with breaking activation energy radiation to partly remove the cured composition; and if desired

a fourth step of post-curing the remaining composition.

NE 21. (Not Amended herein) An ink jet recording head having a discharge opening surface with a discharge opening for discharging a recording liquid therethrough, wherein at least a discharge opening formed portion of the discharge opening surface is coated with a cured film comprising the fluorine-containing epoxy resin composition as set forth in any one of Claims 12 to 14 and 18.

NE 22. (Not Amended herein) An ink jet recording apparatus comprising the ink jet recording head as set forth in claim 21.--

#### REMARKS

Applicants request favorable consideration and early passage to issue of the subject application in view of the preceding amendments and the following remarks.

Claims 12-22 are presented for consideration, with Claims 12, 13, 14 and 18 being independent. Claims 14-17 have